





Technology Licencing

insurance

About us

### The Most Convenient Way to Order Foreign Currency

Have you ever arrived in a foreign country with no currency - and found that the banks are all on strike?

Have you ever had to tip a porter with a \$20 traveler's check?

Well, it has happened to us. So we know how essential it is to buy foreign currency before you travel, for everything from taxi fares to fast food.



Now it's easy - with Direct FX you can have foreign currency and traveler's checks delivered to your door.

### **Click Here for Ordering Information**

Speedy Secure Delivery Let us do the work and deliver foreign currency directly to your home or workplace. Your money is delivered by the registered mail system of the US Postal Service. Next-day delivery is available.

Several Easy Ways to Order

Direct FX accepts Visa and Mastercard for foreign currency purchases. You can also pay by wire transfer or bank draft.



Place your foreign currency order from your desktop!
This is the easiest, most efficient method to obtain foreign currency. We use secure server technology to ensure that your credit card details are

protected. Your credit card information is always encrypted while it is on the net

#### at the most up-to-date, guaranteed rates.

We update our rates frequently and what you see when you place your order is what will arrive at your door in the next few days. Our low overhead and our foreign-exchange experience ensure that our rates are always competitive.

A supply of the local currency when you first arrive in a new country helps settle your nerves, makes the first few hours easier and gives you a head start over fellow travelers who waste time standing in line at local foreign currency bureaus.

It gives you freedom and peace of mind.

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Direct FX is a member of Netcheck.







Click here to get or file reports on Direct FX.



#### **Questions about Direct FX?**

Click here to see our comprehensive Help section, which includes Frequently Asked Questions about currency exchange, instructions on how to purchase currency online with Direct FX. and details about the company.

#### Do you have a travel-related site?

We have over 200 affiliate sites. including some of the Web's most popular travel resources. Affiliates earn a commission on every sale, and there is no



obligation. Click here to get the details.

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Member of the Travel HyperBanner



**FinancialSolutions** 

# **TietoEnator**

**Building the Information Society** 

### ProFX



ProFX contains advanced and integrated modules for both treasury handling (ProFX-Treasury) and international payments (ProFX-Pay).

ProFX give the opportunity for adopting the language in The systems share the same core databases such as the system according to the needs of the local users. database, etc. The multilingual capabilities within customer and bank administration registers, rate

Outrights ▶ IRS/IRCS

• etc.

Spot

FX & MIM

implement new ideas and products quickly, while at the The system is designed and built to reduce operational cost and supports centralised processing in financial organisations. ProfX enables financial institutions to same time keep a tight control of their business.

Contract administration

Settlements

structuring the workflow for true Straight Through Processing (STP) and effective risk management. ProFX is a system that enhances profitability by

Multifix Netting

# Treasury and international payments







**Payments** 

### Customers/ Banks ProFX Pay **Total Positions** Rate database Integration layer Integration layer Treasury Workflow ProFX

STP

 Outward payments Inward payments

Standing orders

◆ etc.

Autofix

Payment schedule

Pricing

(Balanco control) General Leagur Accounts

ProFX offers a unique solution for centralising international operations



## ProFX-Pay

ProFX-Pay is an effective international payment processing component. ProFX-Pay covers the clean payments area, e.g. settlement of goods and services, which are not accompanied by documents, and where foreign currency is part of the processing. ProFX-Pay handles both outward and inward payment orders as well as bank-to-bank payments.

In ProFX-Pay, emphasis is made on functionality, securing rational operation and minimising administrative risks. An 'intelligent' memory function and learning tables makes it possible for a high STP rate on payment orders entered automatically from an electronic medium (SWIFT, electronic banking, etc.). Standard Settlements Instructions, together with flexible rules for setting exchange rates, fees and value dates per product and customer, contribute to effective operation for payment orders entered manually.

Effective operation, minimising risk

# International payment processing

### **Products**

The most important payment services covered are

- Normal and urgent foreign payment orders with or without exchange of currencies
- Normal and urgent payment orders/reimbursement to other countries with or without exchange of currencies
- Domestic payment orders normal/urgent with or without exchange of currencies
- Payment orders from abroad to own customers with or without exchange of currencies
- Payment orders from abroad to other financial institutions
- Domestic payment orders to own customers
- Payment orders from other financial institutions to financial institutions in domestic currency
- Payment orders from other financial institutions to own bank in domestic currency
- Standing orders, in both domestic and foreign currency
- Foreign currency cheques (print-out)
  - Electronic banking

# Important features

- Exchange rate setting per customer
- Calculating fees per product and customer
- Fee accumulation
- Allocation of capital gains and fees
- Value date rules per product and customer
  - Recipient register per customer
- Clearing and covering banks
  - Cash letter
- Automatic handling of 'OUR'
- Straight Through Processing (STP)
- Automatic correction of incoming payments
  - BIC integration (automatic update)
- Payments schedule
- Printing foreign currency cheques and debit/credit advices
- Customer profitability overview

## New features

- Internet solution for corporate clients and private customers
- I EBA

# ProFX-Treasury



# The FX & MIM system

handling currency and interest contracts, consisting of ProFX-Treasury is a new and up-to-date system for ProFX-Treasury three main areas

- Contracts (input, administration, settlement, confirmations and workflow)
- Positions and nostro regulation
- General ledger postings, entries to the account system and reporting

administrative risks are central in ProFX-Treasury, Features for effective operation and minimising exemplified by the following

- Automatic feed of deals directly from front office through standardised interfaces
- Workflow overview (register queue, control queue,
- Automatic maturity of forward trades
  - Flexible retrieval facilities
- 'Drill down' of positions down to transaction level
- Sophisticated automation in connection with nostro regulation

Option to automatically update the dealing system with positions captured outside the trading room

## **Products**

- Spot

Outright

- FX Swap
- Standard commercial loans

Fixed loan/ deposit

- FX OTC (foreign currency options)
- Interest rate swaps (IRS)

Financial futures

Cross currency swaps (IRCS)

extend the system to comprise other products and new In addition, it is possible to manually enter simple debit update positions. ProFX's structure makes it simple to or credit transactions and message transactions to functionality according to the financial institution's

ProfX-Treasury is carried out automatically in order to Integration to dealing systems (front office) It is recommended that input of contracts in

integrated with different front office systems, such as secure data integrity between the front office and ProFX. This will rationalise operations, while also minimising administrative risks. Today, ProFX is WSS, Kondor+ and TMS 2000.

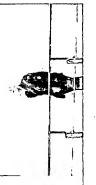
## New feature

evaluation principle relevant for each portfolio type. The evaluation can be made with accruals for investment portfolios and Mark-to-Market evaluation for trading ProFX enables financial institutions to choose the portfolios.

# Exchange rate database and administration of countries and foreign currency

Automatic rate feed from an external system to ProFX is includes insertion and control of market rates, rates for Inquiries may be made on historical rates per month or cheques, bank notes, forward rates and interest rates. rates, countries and foreign currency definitions. This This database contains features for administration of other core systems, such that all input is centralised. year. The rate database is normally integrated with also one of the system features.

# ProFX-Treasury



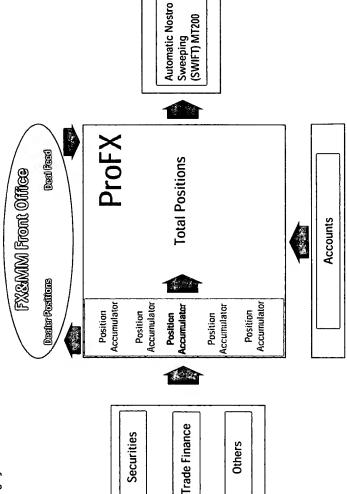
# Position and Nostro Account Sweeping

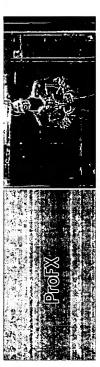
There is an increasing need to accumulate all foreign currency positions in one system. This stems from the fact that financial institutions have, over time, implemented various foreign currency systems to solve different foreign currency tasks, for example FX & MM, derivative trading, security trading, trade finance and clean payments.

By having several systems, the positions must be summarised (usually manually) in order to get a total overview of the financial institution's positions. All contracts in ProFX automatically update positions as soon as they have been given status 'controlled'. ProFX starts the day by building up the financial institutions positions with information from the accounting systems. During the day, ProFX receives rea Itime positions e.g. foreign currency transactions (from other systems such as Securities systems, Trade Finance systems, etc.). These positions will update the ProFX position keeping database. ProFX may also accumulate the positions and forward them to the front office system (see illustration).

# Keeping track of total positions

Having all foreign currency positions and transactions in one database gives the financial institution the possibility to take advantage of ProFX's automatic nostro sweeping system.





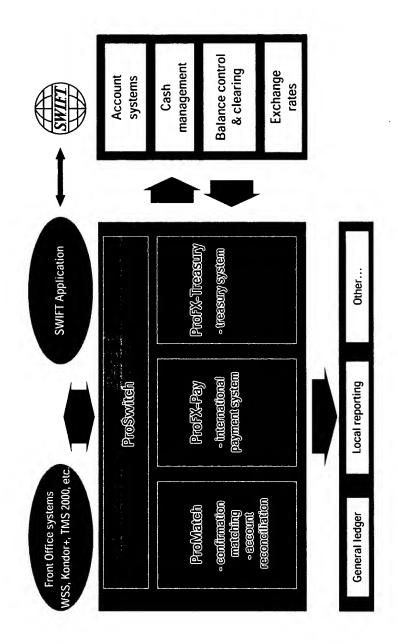
# Additional system components

In addition, the solution may be delivered with the following system components from TietoEnator

- ProMatch Confirmation Matching and Account Reconciliation (please refer to separate brochure for more information)
- ProSwitch Message Handling (please refer to separate brochure for more information)

Together they form a complete international banking system. All systems are fully integrated and delivered with standardised interfaces to core banking systems. ProFX is prepared for 'Service Bureau' operations, with multibank/multibranch functionality. The system handles different base currencies, and can therefore be implemented in different countries without any modifications to the basic functionality.

# A complete international banking concept



ProFX is integrated with the financial institution's core systems (account systems, customer database, balance control, statutory reporting, public bank statistics, tax authorities, general ledger, etc.).

# Functional summary

FX & MM processing	☐ High degree of STP through parameters and	Other features
☐ Automatic feed from front office	learning tables	Generation of all SWIFT message types
○ Workflow overview	Standing orders	<ul> <li>Advanced search and retrieval facilities</li> </ul>
Sophisticated contract parameter settings	Internet 'payment bank' for institutions and private	Complete audit trail
<ul> <li>Total position keeping system</li> </ul>	customers	<ul> <li>Multibank facilities</li> </ul>
☐ Nostro sweeping system	<ul> <li>Highly sophisticated rate settings</li> </ul>	Standard reports
<ul> <li>Centralised rate database for currency rates and</li> </ul>	□ Payment schedule	Simple data extraction procedures to PC software
interest rates (automatic rate feed)	□ EBA	
<ul> <li>Links to current accounts and general ledger for</li> </ul>	○ BIC integration	User interface
accounting and reporting		ProFX is menu-driven, with extensive field validation
☐ Mark-to-Market evaluation	Standard interfaces to user's application	and help screens at both screen and field level
U Netting	environment	
BIC Integration - automatic sweep of unexpired	☐ Account update	Technical aspects
contracts	<ul><li>Balance control</li></ul>	<ul> <li>ProFX is a host-based system based on MVS, CICS</li> </ul>
□ Payment schedule	<ul> <li>General Ledger postings</li> </ul>	and DB2
	C Rate control	
Payment processing	<ul><li>Front office systems</li></ul>	
<ul> <li>Inward and outward payments</li> </ul>	□ Position update	
<ul> <li>Financial institution and private customer transfer</li> </ul>	☐ Local reporting	
<ul> <li>High degree of automation</li> </ul>		

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TietoEnator is one of the leading architects in building a more efficient information society and the largest IT services company in the Nordic countries. TietoEnator specialises in consulting, developing and hosting its customers' business operations in the digital economy. The Group's services are based on a combination of deep industry-specific expertise and latest information technology. TietoEnator has 13,000 experts in more than 20 countries.

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